

Kodak

16mm SOUND PROJECTOR

PAGEANT Model AV-126-TR



CHECK THESE FEATURES

- 12-watt transistorized amplifier • Life-time exciter lamp • Solar cell sound pickup
- Instant reverse (powered sound drum) • Single-switch projector control • Fidelity Control for optimum sound quality • Safety gate and spring-loaded sprocket
- Rugged printed circuit • Attached arms and belt • Quietest for best classroom use
- Brilliant pictures • Longest power cord • Two-handle portability

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Kodak Sound Projectors are designed to help overcome the four major problems in AV presentations.

- 1) Getting people to use equipment.
- 2) Exceptional performance under varying conditions.
- 3) Economy of use.
- 4) Protection to material.

What is a Transistor?

A transistor does just what a vacuum tube does, i.e., amplifies to loud speaker level the electric signals picked up from a motion-picture sound track. But whereas the vacuum tube is relatively large and generates much heat, the transistor is quite small and generates very little, if any, heat. Vacuum tubes require relatively large and rugged circuit components. Transistors do not. They operate on very low voltage and have a service life far in excess of that of vacuum tubes. They introduce little or no noise of their own into a circuit and are much more free of distortion problems. The result is that a motion-picture sound projector with a transistorized amplifier can be more efficiently designed, is capable of much finer sound quality than is usual with vacuum tube amplifiers of the same output, and is vastly more reliable, long-lived, and trouble-free.

Specifications

KODAK PAGEANT SOUND PROJECTOR 16mm, MODEL AV-126-TR

Single-Case Outfit—Projector and speaker unit are combined in a single case with speaker built into lift-off side cover.

Speaker—Heavy-duty, well-baffled, 6 ohms, 11 x 6-inch oval speaker. Permanently attached 40-foot cord with phone-type plug. Will handle full output of amplifier.

Dimensions—16 x 12½ x 11½ inches.

Weight—28½ lbs. for the projector; 35½ lbs. for complete unit.

Finish—Serviceable scuff-resistant wrinkle surface vinyl fabric covering on case.

Operation—AC 105-125 volts, 60 cycles only.

Operating Controls—Single five-position switch lever under lamphouse operates motor and lamp circuits for forward and reverse projection. Tone control compensates for a wide range of acoustic conditions.

Lamp—750 watts; 1000- or 1200-watt lamp optional.

Amplifier Output—12 watts IHFM Music Power rating.

Microphone and Phono Receptacles—Microphone and record player can be attached to use projector as a high-fidelity P.A. system.

Threading—Simple, straightforward, from supply reel through mechanism and sound system to take-up. Loop-former speeds threading, lets you restore "lost loops" without stopping machine.

Reel Arms—Permanently attached and hinged to facilitate setups.

Film Protection—Sprocket clamps have Tenite rollers. For film protection, no stationary parts contact picture or sound-track areas.

Film Capacity—2000 feet of 16mm film.

Film Movement—Nonskip-type, ball-bearing pivoted tandem-tooth movement. Special tungsten carbide pulldown tooth assures long life.

Film Take-up—Self-compensating, pivoted reel-spindle arm . . . adjusts automatically for all size reels and loads.

Framing—Effected by moving pulldown pivot point. No recentering of image required.

Rewind—Motor driven, smooth, safe, no transferring belts or reels. Rewind lever gives 100% protection against threading in rewind position.

Gate—Easy-out—with finger-tip pull. "Floating-pressure" design provides optimum handling of films.

Sound-and-Silent Speeds—Constant-speed motor for sound or silent projection (16 or 24 frames).

Elevating Control—Easy one-hand self-locking control.

Illumination—Efficient straight-line optical system provides brilliant illumination. Condensers and projection lens are Lumenized.

Super-40 Shutter—Automatic-shifting three- and two-bladed shutter provides optimum projection at sound and silent speeds, 40% extra illumination at sound speed.

Standard Lens—Kodak Projection Ektanar Lumenized Lens, 2-inch f/1.6 with field flattener.

Auxiliary Lenses—1½-inch f/2.0, 3-inch f/2.0, 4-inch f/2.5, and Cine-Kodak Bifocal Converter.

Cooling System—Dynamically balanced centrifugal fan provides full ventilation for both forward and reverse projection with the standard 750-watt and higher wattage lamps.

Lubrication—Mechanism is "lubricated for life" by oil-impregnated bearings, sealed ball bearings and oil-retaining pads.

Quiet Operation—Nylon gears and minimum of moving parts assure quiet, trouble-free operation. Permanent lubrication keeps operation quiet.

Cord—12 feet long. Permanently attached; three-wire with grounding type plug; supplied with accessory adapter for use in conventional two-wire sockets.

Sound System

Sound Drum—Rotating-type drum and massive flywheel, mounted on precision ball bearings.

Sound Optics—Sealed-in cylindrical lens system produces precise scanning beam on sound track. Fidelity Control provides sharpest possible line of light on sound track regardless of "up" or "down" emulsion position.

Exciter Lamp—Designed to last life of machine; under normal conditions no replacement will be necessary.

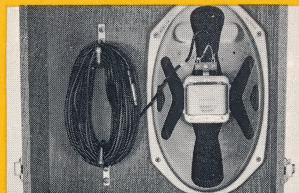
Fidelity Control—Exclusive feature—assures reproduction of full tonal range of film sound track.

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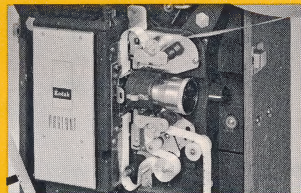
Model AV-126-TR—Sound-silent projector with Super-40 Shutter. Single-case outfit with built-in 11 x 6-inch oval speaker. Supplied with 2-inch, f/1.6 Lumenized lens. 750-watt lamp, 1600-foot reel, and 12-watt IHFM Music Power amplifier. AC operation . . . **\$650.00**

All prices shown for Kodak products are Kodak list, subject to change without notice, and are suggested prices only.

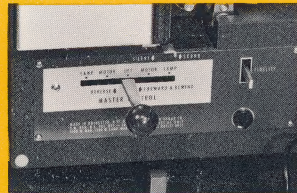
Removable, Baffled Speakers



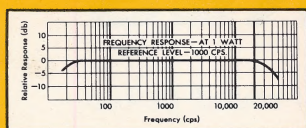
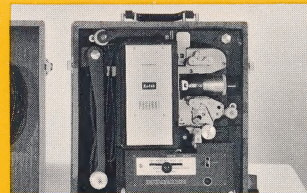
Simplified Threading



One Switch Control



Folding Reel Arms, Cord Storage



Proof of Performance

These curves clearly illustrate the superiority of the 12-watt IHFM* Music Power rating amplifier used in the AV-126-TR.

*Institute of High Fidelity Manufacturers.



Fidelity Control



Convenient Control Center



Safety First for Your Film

EASTMAN KODAK COMPANY
Rochester 4, New York

Kodak
TRADEMARK